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* * * * * Welcome to STN International * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
NEWS 24	Sep 16	Experimental properties added to the REGISTRY file
NEWS 25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 27	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28	Oct 21	EVENTLINE has been reloaded
NEWS 29	Oct 24	BEILSTEIN adds new search fields
NEWS 30	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS EXPRESS	October 14	CURRENT WINDOWS VERSION IS V6.01, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS		STN Operating Hours Plus Help Desk Availability
NEWS INTER		General Internet Information
NEWS LOGIN		Welcome Banner and News Items
NEWS PHONE		Direct Dial and Telecommunication Network Access to STN
NEWS WWW		CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:24:37 ON 13 NOV 2002

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 14:24:45 ON 13 NOV 2002

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 11 NOV 2002 HIGHEST RN 473219-67-9

DICTIONARY FILE UPDATES: 11 NOV 2002 HIGHEST RN 473219-67-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STN Note 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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Uploading 09699679a.str

L1 STRUCTURE UPLOADED

=> d L1

L1 HAS NO ANSWERS

L1 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s L1 sss sam

SAMPLE SEARCH INITIATED 14:25:16 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 6698 TO ITERATE

14.9% PROCESSED 1000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 129057 TO 138863

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=> s L1 sss full

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100.0% PROCESSED 134206 ITERATIONS
SEARCH TIME: 00.00.08
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5 ANSWERS

=> d L3 1-5

RN 251639-98-2 REGISTRY

CN Hexadecanamide, 2,4-bis[(1-oxohexadecyl)amino]butanoyl-L-isoleucyl-L-arginyl-L-isoleucyl-L-glutaminyl-L-arginylglycyl-L-prolylglycyl-L-arginyl-L-alanyl-L-phenylalanyl-L-valyl-L-threonyl-L-isoleucylglycyl-L-lysyl-2-amino- (9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C131 H237 N31 O22

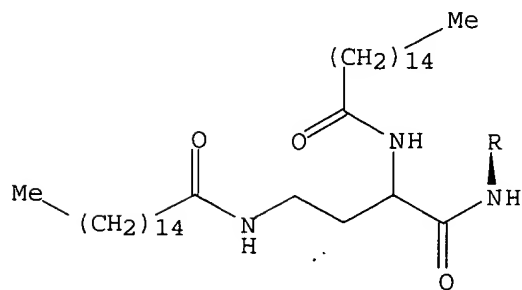
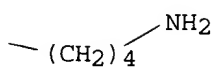
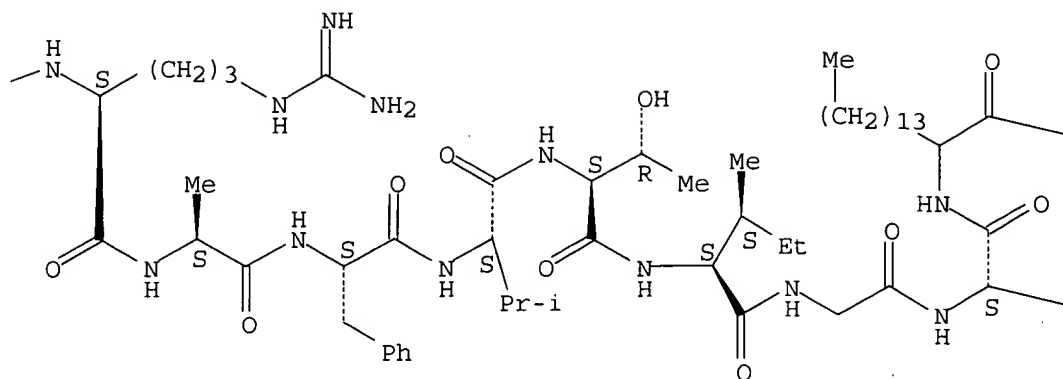
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LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

[illegible]

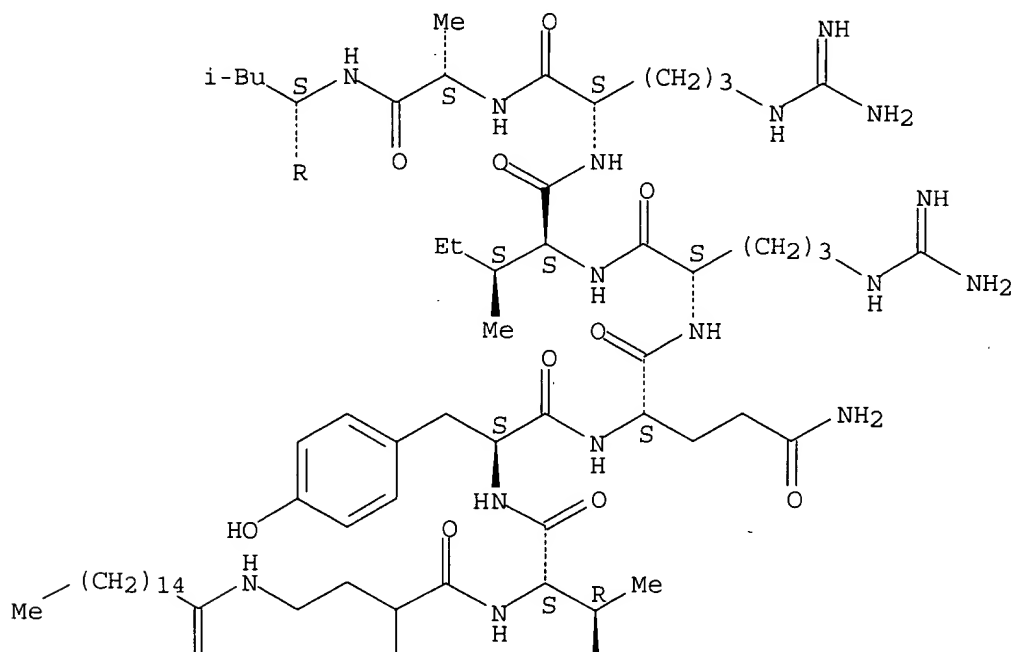


1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

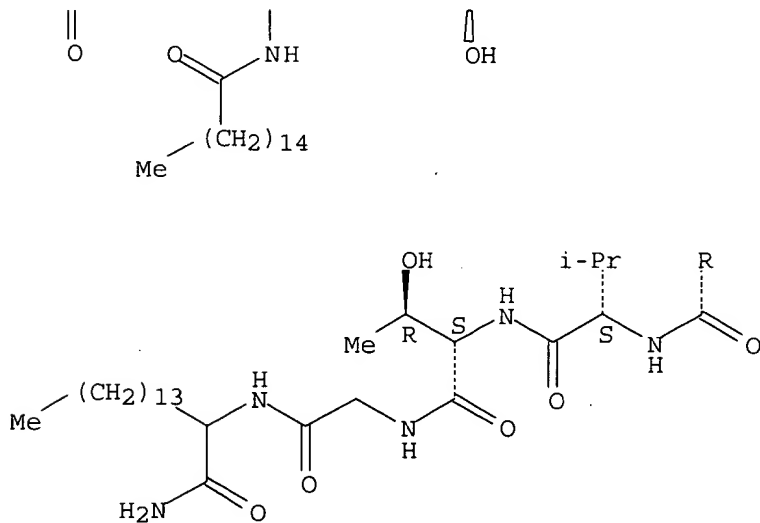
L3 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2002 ACS
 RN 251346-41-5 REGISTRY
 CN Hexadecanamide, 2,4-bis[(1-oxohexadecyl)amino]butanoyl-L-threonyl-L-tyrosyl-L-glutamyl-L-arginyl-L-isoleucyl-L-arginyl-L-alanyl-L-leucyl-L-valyl-L-threonylglycyl-2-amino- (9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C108 H196 N22 O19
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

PAGE 1-A



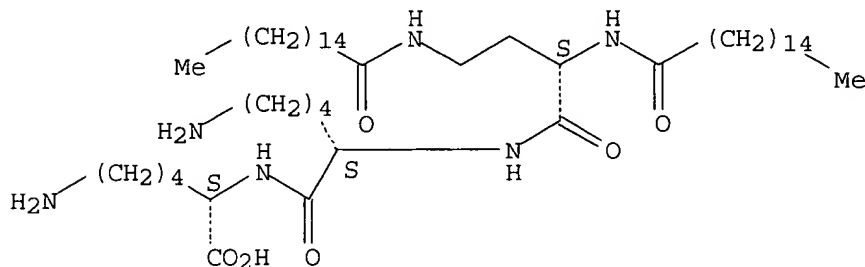
PAGE 2-A



1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2002 ACS
RN 248602-51-9 REGISTRY
CN L-Lysine, (2S)-2,4-bis[(1-oxohexadecyl)amino]butanoyl-L-lysyl- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C48 H94 N6 O6
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

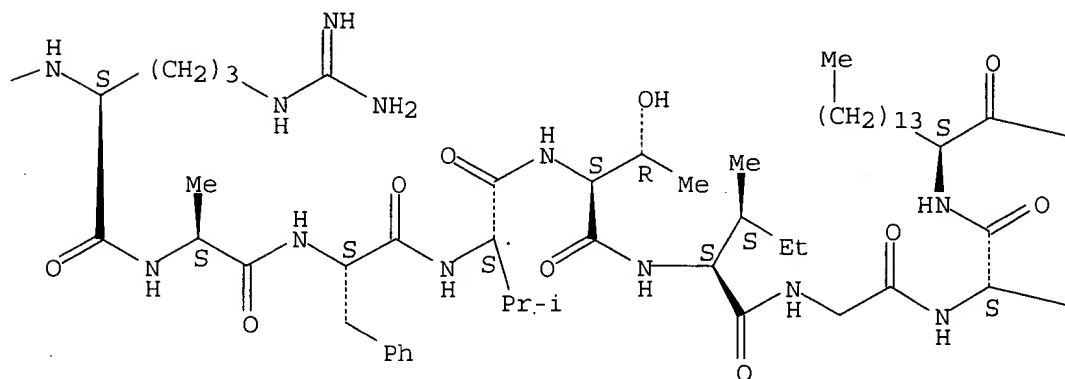
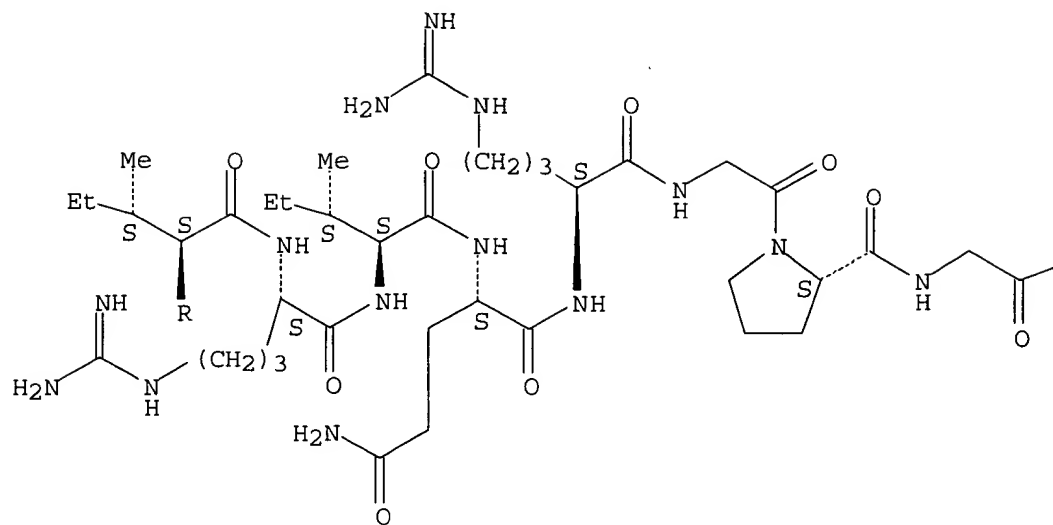


1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2002 ACS
RN 144315-69-5 REGISTRY
CN Hexadecanamide, (2S)-2,4-bis[(1-oxohexadecyl)amino]butanoyl-L-isoleucyl-L-arginyl-L-isoleucyl-L-glutamyl-L-arginylglycyl-L-prolylglycyl-L-arginyl-L-alanyl-L-phenylalanyl-L-valyl-L-threonyl-L-isoleucylglycyl-L-lysyl-2-amino- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN L-Lysinamide, N₂,N₄-bis(1-oxohexadecyl)-L-2,4-diaminobutanoyl-L-isoleucyl-L-arginyl-L-isoleucyl-L-glutamyl-L-arginylglycyl-L-prolylglycyl-L-arginyl-L-alanyl-L-phenylalanyl-L-valyl-L-threonyl-L-isoleucylglycyl-N-[1-(aminocarbonyl)pentadecyl]-
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C131 H237 N31 O22
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

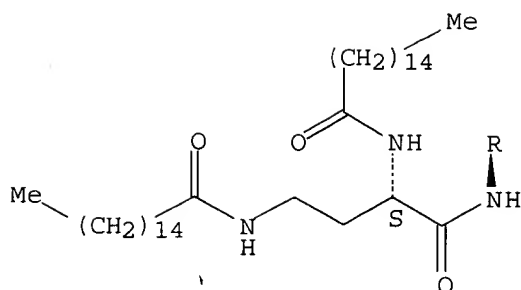
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.



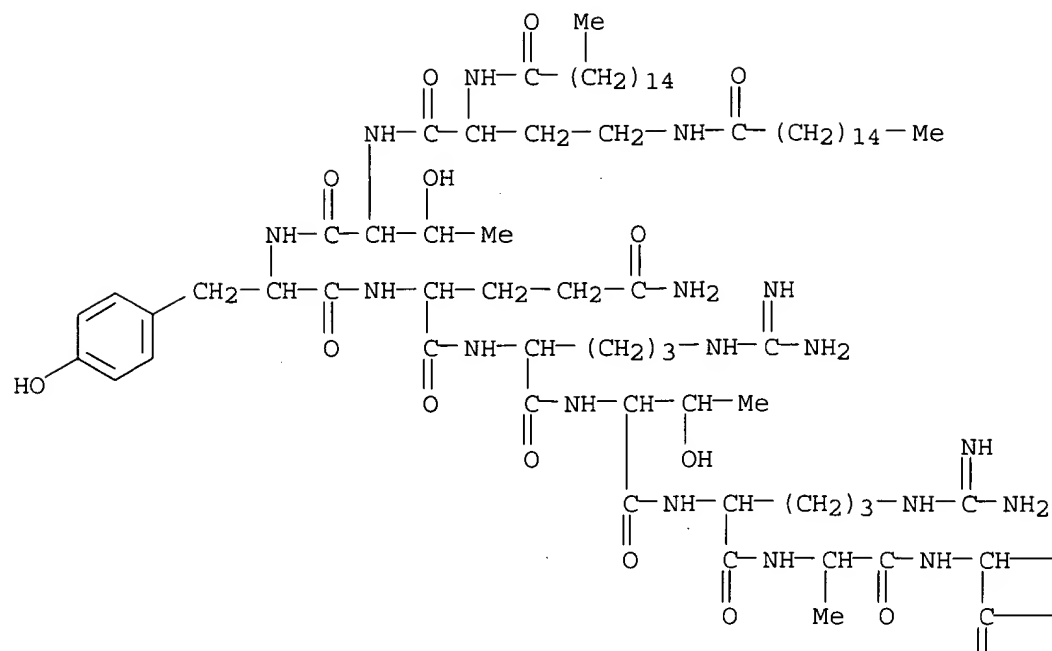
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—(CH₂)₄—NH₂



2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

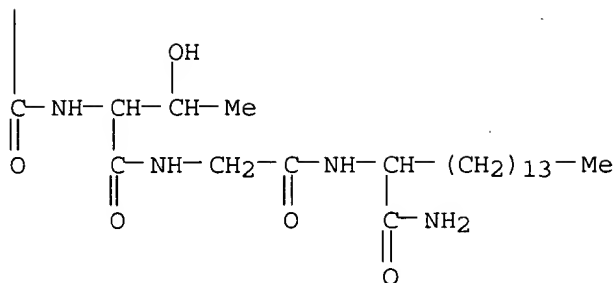
L3 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2002 ACS
RN 144315-67-3 REGISTRY
CN Hexadecanamide, (2S)-2,4-bis[(1-oxohexadecyl)amino]butanoyl-L-threonyl-L-tyrosyl-L-glutaminy-L-arginyl-L-threonyl-L-arginyl-L-alanyl-L-leucyl-L-valyl-L-threonylglycyl-2-amino- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Glycinamide, N2,N4-bis(1-oxohexadecyl)-L-2,4-diaminobutanoyl-L-threonyl-L-tyrosyl-L-glutaminy-L-arginyl-L-threonyl-L-arginyl-L-alanyl-L-leucyl-L-valyl-L-threonyl-N-[1-(aminocarbonyl)pentadecyl]-
FS PROTEIN SEQUENCE
MF C106 H192 N22 O20
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



— Bu-i

— NH-CH-Pr-i





2 REFERENCES IN FILE CA (1962 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> file caplus
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
151.98	152.19

FILE 'CAPLUS' ENTERED AT 14:31:09 ON 13 NOV 2002
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FILE COVERS 1907 - 13 Nov 2002 VOL 137 ISS 20
 FILE LAST UPDATED: 12 Nov 2002 (20021112/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s L3
 L4 4 L3

=> d L4 ibib,abs,kwic

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS.
 ACCESSION NUMBER: 1999:761437 CAPLUS
 DOCUMENT NUMBER: 132:26812
 TITLE: Cytotoxic T lymphocyte-inducing lipopeptides and methods of use
 INVENTOR(S): Boutillon, Christophe; Martinon, Frederic; Sergheraert, Christian; Magne, Remy; Gras-Masse,

Helene; Gomard, Elisabeth; Tartar, Andre; Levy,
 Jean-Paul
 PATENT ASSIGNEE(S): Institut Pasteur de Lille, Fr.
 SOURCE: U.S., 58 pp., Cont.-in-part of U.S. Ser. No. 477,419,
 abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5993823	A	19991130	US 1995-477420	19950607
FR 2670787	A1	19920626	FR 1990-15870	19901218
FR 2670787	B1	19950623		
EP 1065212	A2	20010103	EP 2000-117513	19911218
EP 1065212	A3	20010110		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE
 PRIORITY APPLN. INFO.:
 FR 1990-15870 A 19901218
 US 1991-810722 B2 19911218
 US 1995-477419 B2 19950607
 EP 1999-105773 A3 19911218

AB Cytotoxic lymphocyte-inducing lipopeptides comprising a peptide fragment
 having approx. between 10 and 40 amino acids and comprising at least one
 antigenic determinant and also comprising one or more chains derived from
 fatty acids and one or more modified steroid groups useful for immunizing
 a human or animal body against pathogenic agents such as viruses or
 parasites which fragment is preferably a fragment of the protein encoded
 by the ENV gene, by the NEF gene or by the GAG gene of HIV viruses.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 144315-68-4P 144315-71-9P 144315-72-0P 144332-12-7P 144332-13-8P
 144387-65-5P 144637-00-3P 220712-74-3P 251346-40-4P
251346-41-5P 251639-98-2P 251956-24-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological
 study, unclassified); PEP (Physical, engineering or chemical process); PNU
 (Preparation, unclassified); THU (Therapeutic use); BIOL (Biological
 study); PREP (Preparation); PROC (Process); USES (Uses)
 (cytotoxic T lymphocyte-inducing lipopeptides and methods of use)

=> d L4 2-4 ibib,abs,kwic

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:708651 CAPLUS
 DOCUMENT NUMBER: 131:319900
 TITLE: Diagnostic/therapeutic agents comprising
 membrane-forming amphiphilic lipopeptide-stabilized
 gas microbubbles
 INVENTOR(S): Cuthbertson, Alan; Solbakken, Magne; Wolfe, Henry
 Raphael
 PATENT ASSIGNEE(S): Marsden, John Christopher, UK; Nycomed Imaging A/S
 SOURCE: PCT Int. Appl., 59 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9955383	A2	19991104	WO 1999-GB1247	19990422

WO 9955383 A3 20000706

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,
DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
MN, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
TR, TT, UA, UG, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM

RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2329778 AA 19991104 CA 1999-2329778 19990422

EP 1073475 A2 20010207 EP 1999-918154 19990422

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI

JP 2002512986 T2 20020508 JP 2000-545579 19990422

AU 9936187 A1 19991116 AU 1999-36187 19990423

NO 2000005382 A 20001218 NO 2000-5382 20001026

PRIORITY APPLN. INFO.: GB 1998-9084 A 19980428

WO 1999-GB1247 W 19990422

AB Novel membrane-forming amphiphilic lipopeptides comprise one or more peptide moieties contg. 2-50 aminoacyl residues and one or more hydrocarbon chains contg. 5-50 carbon atoms. Such lipopeptides may be used in the formation of stabilized gas microbubble dispersions suitable for use as diagnostic and/or therapeutic agents, for example as ultrasound contrast agents. Perfluorobutane-contg. microbubbles were prepd. that used N-[3-(2-aminoethanamido)-5-[2-(n-hexadecyl)octadecanamido]benzoyl]glycine (prepn. given) as the membrane-forming agent.

IT 247231-43-2P 247231-44-3P **248602-51-9DP**, reaction with PEG-hexapeptide 248602-52-0P 248602-53-1P 248602-59-7DP, reaction with palmitoylated-lysyllysine-PEG

RL: SPN (Synthetic preparation); PREP (Preparation)
(diagnostic/therapeutic agents comprising membrane-forming amphiphilic lipopeptide-stabilized gas microbubbles)

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:119739 CAPLUS

DOCUMENT NUMBER: 130:195741

TITLE: Cytotoxic T lymphocyte-inducing lipopeptides and use as vaccines

INVENTOR(S): Boutillon, Christophe; Martinon, Frederic;
Sergheraert, Christian; Magne, Remy; Gras-Masse,
Helene; Gomard, Elisabeth; Tartar, Andre; Levy,
Jean-paul

PATENT ASSIGNEE(S): Institut National de La Sainte et de la Recherche
Medicale (INSERM), Fr.; Institut Pasteur; Institut
Pasteur de Lille

SOURCE: U.S., 28 pp., Cont.-in-part of U.S. Ser. No. 810,722,
abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5871746	A	19990216	US 1994-251472	19940531
FR 2670787	A1	19920626	FR 1990-15870	19901218
FR 2670787	B1	19950623		
EP 1065212	A2	20010103	EP 2000-117513	19911218
EP 1065212	A3	20010110		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
US 6015564	A	20000118	US 1999-248082	19990210

PRIORITY APPLN. INFO.:

FR 1990-15870 A 19901218
US 1991-810722 B2 19911218
EP 1999-105773 A3 19911218
US 1994-251472 A1 19940531

AB Cytotoxic lymphocyte-inducing lipopeptides comprising a peptide part having between 10 and 40 amino acids approx. and comprising at least one antigenic determinant. The lipopeptides also comprise one or more chains derived from fatty acids and one or more modified steroid groups. Said lipopeptides may be used for immunizing the human or animal body against pathogenic agents such as viruses or parasites. The peptide part may, in particular, be a fragment of the protein encoded by the ENV gene, by the NEF gene or by the GAG gene of HIV viruses. Thus, 2-tert-butyloxycarbonyl-aminohexadecanoic acid and 3.beta.-(2-carboxymethoxy)cholest-5-ene were synthesized and coupled to fragments of gp120 of HIV-1 LAV-BRU virus, and fragments of ENV protein of HIV virus for immunization.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 57-10-3DP, Hexadecanoic acid, conjugates, biological studies
7769-79-1DP, 2-Aminohexadecanoic acid, conjugates 30656-77-0DP,
conjugates 59012-43-0DP, conjugates 59866-71-6DP, conjugates
78512-63-7DP, Pimelautide, conjugates 78513-43-6DP, Trimexantide,
conjugates 114416-46-5DP, conjugates 130640-46-9DP, conjugates
144315-63-9DP, conjugates 144315-66-2P **144315-67-3P**
144315-68-4P **144315-69-5P** 144315-70-8P 144315-71-9P
144315-72-0P 144315-84-4P 144332-12-7P 144332-13-8P 144332-14-9P
144332-15-0P 144387-65-5P 144637-00-3P 148618-15-9DP, conjugates
154756-82-8DP, conjugates 154756-83-9DP, conjugates 220689-63-4DP,
conjugates 220689-64-5DP, conjugates 220689-65-6DP, conjugates
220689-66-7DP, conjugates 220689-67-8DP, conjugates 220689-68-9DP,
conjugates 220712-57-2DP, conjugates 220712-74-3P 220712-76-5P
RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); USES (Uses)
(cytotoxic T lymphocyte-inducing lipopeptides and use as vaccines for
viral or parasitic infections)

L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1992:649893 CAPLUS

DOCUMENT NUMBER: 117:249893

TITLE: Lipopeptides inducing cytotoxic T-lymphocytes and
their use as vaccines

INVENTOR(S): Boutillon, Christophe; Martinon, Frederic;
Sergheraert, Christian; Magne, Remy; Gras-Masse,
Helena; Gomard, Elisabeth; Tartar, Andre; Levy, Jean
Paul

PATENT ASSIGNEE(S): Institut Pasteur de Lille, Fr.; Institut National de
la Sante et de la Recherche Medicale (INSERM)

SOURCE: Eur. Pat. Appl., 32 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 491628	A2	19920624	EP 1991-403446	19911218
EP 491628	A3	19920722		
EP 491628	B1	19990929		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
FR 2670787	A1	19920626	FR 1990-15870	19901218
FR 2670787	B1	19950623		
CA 2057828	AA	19920619	CA 1991-2057828	19911217
JP 04295498	A2	19921020	JP 1991-335158	19911218

EP 945461 A1 19990929 EP 1999-105773 19911218
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE
 AT 185148 E 19991015 AT 1991-403446 19911218
 ES 2137160 T3 19991216 ES 1991-403446 19911218
 EP 1065212 A2 20010103 EP 2000-117513 19911218
 EP 1065212 A3 20010110
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE
 PRIORITY APPLN. INFO.: FR 1990-15870 A 19901218
 EP 1991-403446 A3 19911218
 EP 1999-105773 A3 19911218
 AB The title lipopeptides include a peptide of .apprx.10-40 amino acids
 having .gtoreq.1 antigenic determinant, as well as .gtoreq.1 chains
 derived from fatty acids and .gtoreq.1 modified steroid groups. The
 lipopeptides can be used for immunizing a human or animal against
 pathogenic agents, e.g. viruses or parasites. Lipopeptides contg., e.g.,
 fragments of human immunodeficiency virus envelope protein gp120 are
 described (including cytotoxic T-lymphocyte activity).
 IT 144315-68-4 **144315-69-5** 144315-70-8 144315-71-9
 144315-72-0 144315-84-4 144332-13-8 144332-14-9 144332-15-0
 144637-00-3
 RL: BIOL (Biological study)
 (human immunodeficiency virus glycoprotein gp120 fragment-derived
 lipopeptide, cytotoxic T-lymphocyte activity with, vaccine in relation
 to)
 IT 144315-66-2 **144315-67-3** 144332-12-7
 RL: BIOL (Biological study)
 (influenza virus nucleoprotein fragment-derived lipopeptide, cytotoxic
 T-lymphocyte activity with, vaccine in relation to)

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 AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: Nov 8, 2002 (20021108/UP).

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L1 STRUCTURE UPLOADED
 L2 0 S L1 SSS SAM
 L3 5 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 14:31:09 ON 13 NOV 2002

L4 4 S L3

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